

High Power PM Filter Splitter Module (1x4, 1x8, 2x4, 2x8, 4x4, 4x8)

FEATURES

- ▣ Low Excess Loss
- ▣ Various Splitting Ratio
- ▣ Wide Passband
- ▣ High Stability and Reliability
- ▣ Epoxy Free Optical Path

APPLICATIONS

- ▣ Optical Amplifier
- ▣ Optical Networks
- ▣ Power Monitoring
- ▣ Fiber Sensor
- ▣ Lab



SPECIFICATIONS

Parameter	Unit	1x4 or 2x4 or 4x4	1x8 or 2x8 or 4x8
Center Wavelength	nm	1310, 1480, 1550, 1590, 1550&1590	
Bandwidth	nm	+/-30nm or customer specify	
Insertion Loss	Typ.	dB	7.0
	Max.	dB	7.5
Uniformity	dB	≤1.0	≤1.2
Extinction Ratio	B Type	dB	≥18
	F Type	dB	≥20
Working Mode	B Type	dB	Can work both in Fast Axis and Slow Axis
	F Type	dB	Can only work in Slow Axis and Fast Axis is blocked
Optical Return Loss	dB	≥50	
Directivity	dB	≥50	≥45
Fiber Type	-	PM1310/1550 Panda Fiber, 10/125um PMDC Fiber (O) 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R), 25/300um PMDC Fiber (G)	
Fiber Tensile Load	N	5	
Max. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 30, 50, 60	
Operating Temperature	°C	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	mm	L160x ^W 140x ^H 10	L160x ^W 160x ^H 10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
 5. Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

FPFM- NNNN	- NxN	C	- HPNN	- C	C	NN	- CC/CCC
<i>Wavelength</i>	<i>Configuration</i>	<i>Type</i>	<i>Optical Power</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
1550-1550nm	1X4-1X4 Type	B=B Type	1-1W	2-PM1310/1550 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1590-1590nm	1X8-1X8 Type	F=F Type	3-3W	0-10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1310-1310nm	2X4-2X4 Type		5-5W	T=12/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
CL=1550&1590nm	4X8-4X8 Type		10-10W	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector